

# Work Order ID 63786

Friday, November 12, 2010 3:36:32 PM



Page 1

Item ID: D4279-1

Accept



Setup Start



Revision ID: PRELIM

Item Name: Mesh, Base

Stop



Start Date: 11/15/2010 Start Qty: 2.00



Cust Item ID:

Customer:

PRELIMINARY ISSUE

Required Date: 11/17/2010 Req'd Qty: 2.00

Reference:

Run Start



Approvals: Process Plan: *MF*

Date: *10-11-12* Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D4279	PA1

100



Shear

Shear

FLOW WATER JET

Memo

1-Cut to length as per Dwg D4279

*10.11.16* (When mesh is on D4273 trim mesh to finish size is necessary for per day)

QC6- Inspect dimensions to drawing

110



QC

Quality Control

Memo

Identify as per dwg & Stock Location:

*WA*

120



Packaging

Packaging

Memo

\*\*\*STOCK IN BASKET CELL\*\*\*

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY  
*CONF 10-11-12-01*

*2*

*/SAD*

*10-11-17*

*PL 10-11-16*

*MF 10-11-30*

*MT*

**Work Order ID 63786**

Friday, November 12, 2010 3:36:32 PM

Page 2

Item ID: D4279-1

Accept

Revision ID: PRELIM

Item Name: Mesh, Base

Setup Start

Stop

Start Date: 11/15/2010 Start Qty: 2.00

Required Date: 11/17/2010 Req'd Qty: 2.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

Stop

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11-11-23  
mf

POSITIVE RECALL

EFFECTIVE \_\_\_\_\_ AUTH \_\_\_\_\_

RELEASED \_\_\_\_\_ DATE \_\_\_\_\_

10-11-30

# Picklist Print

Page 1

Friday, November 12, 2010 3:36:31 PM

Work Order ID: 63786



Parent Item: D4279-1



Parent Item Name: Mesh, Base

Start Date: 11/15/2010

Required Date: 11/17/2010

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A 10.11.12 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304EX0.75-16F		Purchased		No		100	sf	867.7649	26.195	55.14737			



Expanded Metal Flat SS

Location

Loc Qty

Loc Code

MAT

867.764933

114809

95.949343

114853

11.80059

115012

393.8315

115067

13.0125

115171

6.0394

115401

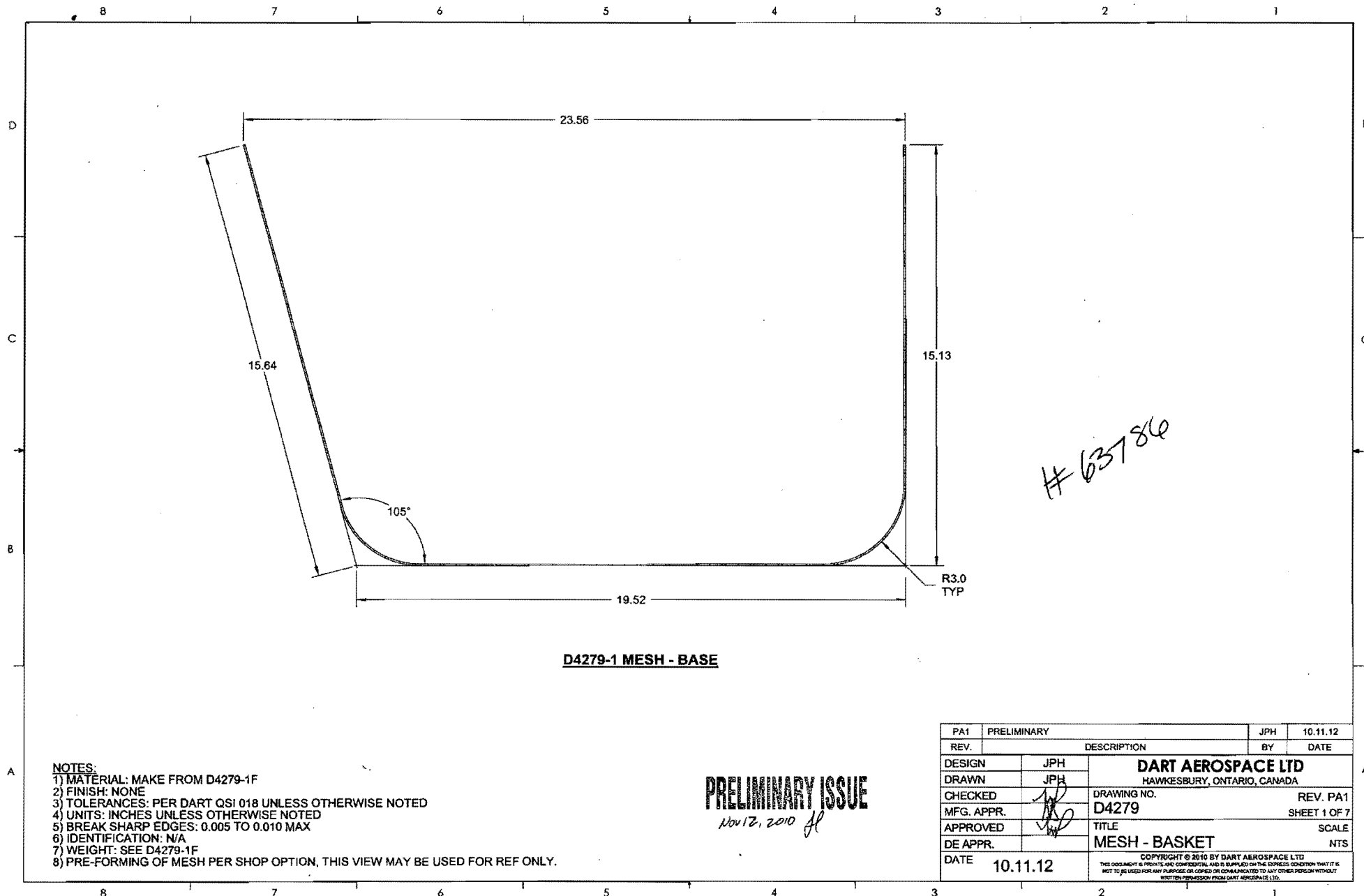
76.0095

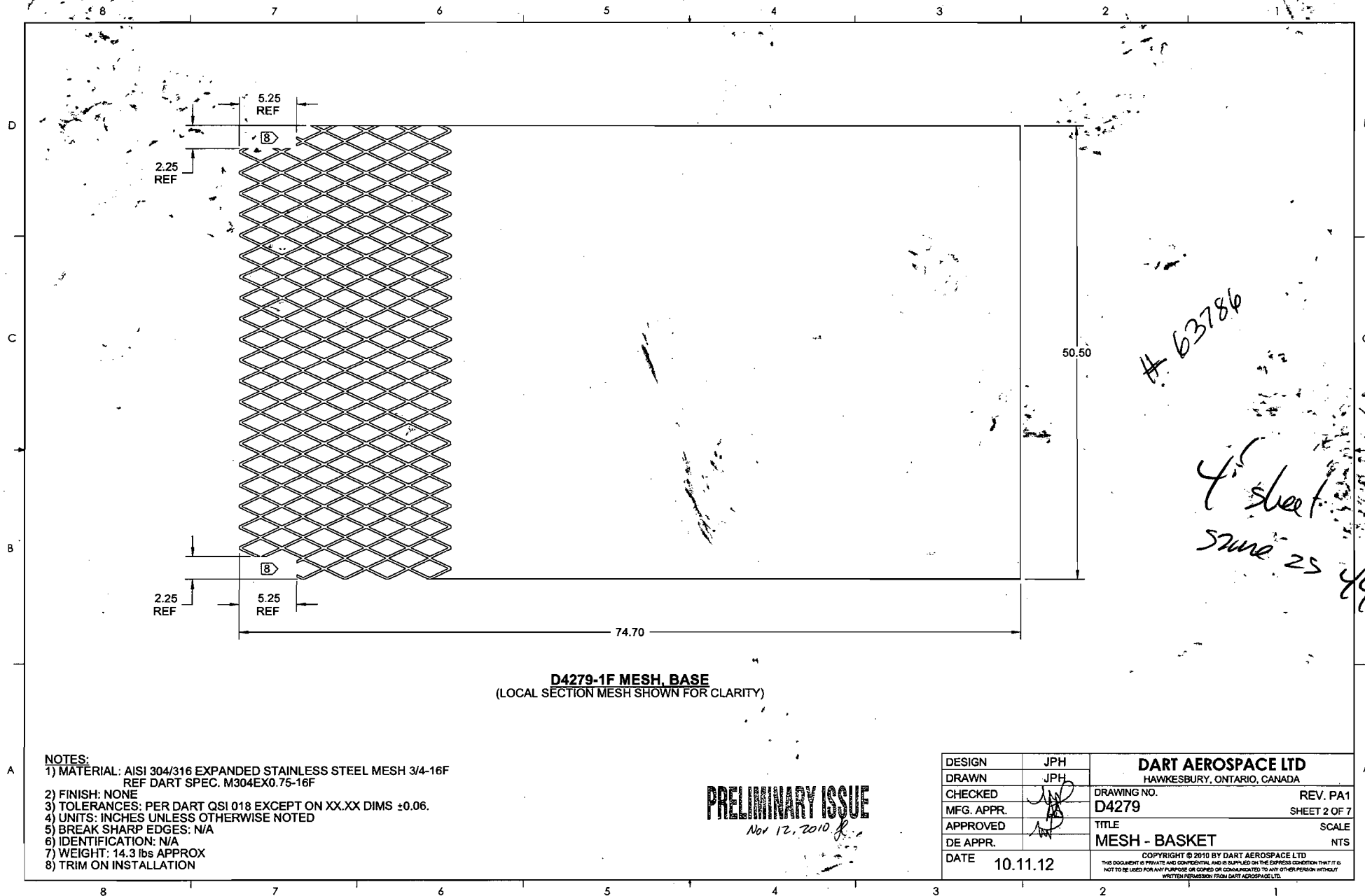
115665

5.6216

115989

265.5005





**D4279-1F MESH, BASE**  
(LOCAL SECTION MESH SHOWN FOR CLARITY)

**NOTES:**

- 1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F  
REF DART SPEC. M304EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 EXCEPT ON XX.XX DIMS  $\pm 0.06$ .
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 14.3 lbs APPROX
- 8) TRIM ON INSTALLATION

**PRELIMINARY ISSUE**

Nov 12, 2010

DESIGN	JPH	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	JPH	DRAWING NO.	REV. PA1
MFG. APPR.	JPH	<b>D4279</b>	SHEET 2 OF 7
APPROVED	JPH	TITLE	SCALE
DE APPR.	JPH	<b>MESH - BASKET</b>	NTS
DATE	10.11.12	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

## Receiving Report

Date: 10/10/26 Batch No: m 115989  
 Supplier: ULB Remy DINAM Dart P/O: 12792

Packing Slip: Yes ☒ No ☐ Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Invoice: Yes ☐ No ☒ Waybill Attached: Yes ☒ No ☐ N/A ☐  
 Receipt: Cash ☐ Cr ☒ Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection ☒ N/A ☐  
 Work Order 101028 N/A ☒

### Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: [Signature]  
 Date: 10/10/26  
 Received/Costing: [Signature]  
 Initial: [Signature]

Location

## Purchase Order Receipt Listing

Page 1 of 1

Tuesday, October 26, 2010 2:08:50 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO12792 Receipt Dates from 10/26/2010 to 10/26/2010 All Line Item Types

All Item ID/GL/WOs   All Rec. Employees   All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID/Vendor Name		VC-DIV001	Diversified Ulbrich								
PO12792	1		M304EX0.75-16F	sf	10/27/2010	10/26/2010	320.0000	\$4.45	0.0000	0	\$1,424.00
CAD	No		Expanded Metal Flat SS	sf	320.0000	DESJ02		\$1,424.00	0.0000	0	
			115989								
Total Received Quantity:										320.0000	
Total Qty to Inspect (PO U/M):										0.0000	
Total Reject Quantity:										0.0000	
Total Receipt Value:										\$1,424.00	
Total Balance Due Quantity:										0.0000	

**DIVERSIFIED ULBRICH**  
A DIVISION OF ULBRICH OF CANADA INC.  
STAINLESS STEEL AND SPECIAL METALS



**Diversified Ulbrich**  
26A Hymus Blvd  
PTE. Claire, QC H9R 1C9,  
Phone: (514)694-6522 Fax: (514)694-0266  
Toll Free: (800)361-5950  
SHIP TO:

# PACKING LIST

Page: 1

I016949

SOLD TO:  
00022279

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

## SPECIAL INSTRUCTIONS

SHIP TST GROUND  
\*\*\*COLLECT\*\*\*

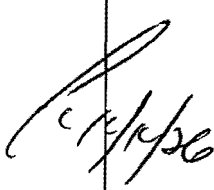
Contact: SUE BEDFORD (PA

Ship Terms: COLLECT

MTR:Y

Currency	Sales Person	Customer Phone	Customer Fax	Customer PO
CANADIAN DOLLARS	BOB MESSETT	(613) 632-5200	(613) 632-4443	PO12792



Sales Order	Terms	Ship Via	Date Ordered	Date Required	Date Shipped
W211163	NET 30 DAYS	COMMON CARRIER	10/22/10	10/25/10	10/25/10

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
10		PC	SSH T-304 EXP 16F x 3/4" x 48" 180 LB / 10 PC DIAMONDS MUST RUN ALONG THE 8' LENGTH MILL TEST WITH DELIVERY CERT. D'ANALYSE, 1 PALETTE	L008534	855679	10
						
Bundles:			Approx Weight:	180.0 LB	10/22/10	15:14:53

Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_



TICNT 855679.PDF

Herstellerwerk / Manufacture's works / Usine productrice  <b>ThyssenKrupp</b> <b>ThyssenKrupp Niosta</b>		Art der Prüfbescheinigung / Type of inspection document / Type du document <b>ABNAHMEPRUEFZEUGNIS</b> INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION nach / according to / suivant <b>EN 10204-3.1</b>		Bescheinigungs-Nr. / Document number / Numéro de document <b>1000195995 /</b> Seite / Page / Page: <b>1 / 1</b>																							
Oberschlesienstrasse 16, 47807 Krefeld <b>THYSSENKRUPP NIOSTA</b> <b>NORTH AMERICA INC.</b> <b>2275 HALF DAY ROAD, SUITE 300</b> <b>BANNOCKBURN, IL 60015</b> <b>USA</b>			Besteller/Empfänger / Customer/Consignee / Acheteur/Destinataire <b>THYSSENKRUPP NIOSTA, BANNOCKBURN,</b> Kundenbesteller / Customer's order number / Numéro de la commande du client <b>51001382 - PO P00047</b> Werksauftrag-Nr. / Manufacture's works order no / N° de la commande de l'usine productrice <b>900385849 / 002</b> Lieferschein-Nr. / Delivery Note No. / Avis d'expédition N°. <b>87176434 / 010</b> Erzeugnis / Product / Produit <b>BAND/COIL/ROULEAU</b>																								
Lieferbedingungen / Terms of delivery / Conditions de livraison <b>ASTM A 240/A 240M</b> <b>ASME SA 240 Sec.II Part A Ed.07</b> <b>SAE AMS 5513 H</b> <b>SAE AMS 5511 H</b>			Stahlart und Stahlgüte / Steel grade and quality / Nuance de l'acier <b>TYPE 304 L / 304</b>																								
Kundenmaterial-Nr. / Customer's material number / N° de matière du client <b>8021854</b>		Maße des Erzeugnisses (Dicke / Breite / Länge) / Product dimensions (Thickness / Width / Length) / Dimensions du produit (Épaisseur / Largeur / longueur) <b>0.0579 inch x 48.0000 inch</b>		Herstellart / Steelmaking proc. / Mode d'élabor. <b>AOD</b>																							
Ausführung / Finish / Fini <b>IIIc/2B</b>		Proben-Nr. / Sample id. / Empl. du prélèvement <b>1002254740</b>		Proben-Nr. / Sample id. / Empl. du prélèvement <b>1002254741</b>																							
Chemische Zusammensetzung / Chemical composition / Composition chimique <table border="1"> <thead> <tr> <th>Schmelz-Nr. / Cast no.</th> <th>% C</th> <th>% Si</th> <th>% Mn</th> <th>% P</th> <th>% S</th> <th>% Cr</th> <th>% Ni</th> <th>% N</th> <th>% Mo</th> <th>% Cu</th> </tr> </thead> <tbody> <tr> <td>855679</td> <td>0.021</td> <td>0.43</td> <td>1.23</td> <td>0.029</td> <td>0.0030</td> <td>18.20</td> <td>8.03</td> <td>0.065</td> <td>0.18</td> <td>0.20</td> </tr> </tbody> </table>						Schmelz-Nr. / Cast no.	% C	% Si	% Mn	% P	% S	% Cr	% Ni	% N	% Mo	% Cu	855679	0.021	0.43	1.23	0.029	0.0030	18.20	8.03	0.065	0.18	0.20
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855679	0.021	0.43	1.23	0.029	0.0030	18.20	8.03	0.065	0.18	0.20																	
Prüfverfahren / Test (s. auch Probe) / Essai (s. aussi échantillon) Proben-Nr. / Sample id. / Empl. du prélèvement <table border="1"> <thead> <tr> <th>Y80, 2%</th> <th>Y81, 0</th> <th>T8</th> <th>E1, A2*</th> <th>HV</th> </tr> </thead> <tbody> <tr> <td>PSI</td> <td>PSI</td> <td>PSI</td> <td>t</td> <td></td> </tr> <tr> <td>1002254740</td> <td>41624</td> <td>46410</td> <td>92966</td> <td>56.8</td> </tr> <tr> <td>1002254741</td> <td>41624</td> <td>46555</td> <td>93111</td> <td>58.2</td> </tr> </tbody> </table>						Y80, 2%	Y81, 0	T8	E1, A2*	HV	PSI	PSI	PSI	t		1002254740	41624	46410	92966	56.8	1002254741	41624	46555	93111	58.2		
Y80, 2%	Y81, 0	T8	E1, A2*	HV																							
PSI	PSI	PSI	t																								
1002254740	41624	46410	92966	56.8																							
1002254741	41624	46555	93111	58.2																							
ASTM A 262 2a PRACTICE E I.O. Beständig gegen interstit. Korrosion / Résistant à la corrosion interstitielle. Maße-Oberfläche / Dimensions-Surface: Verwechslungsprüfung (Spektralanalyse) / Test of identity (spectrum analysis) / Contrôle d'identification (analyse spectrale): <b>WÄRMEBEHANDLUNG : 1050 GRAD C / LUFT</b> <b>TRAITEMENT THERMIQUE : 1050 GRAD C / AIR</b> <b>HEAT - TREATMENT : 1050 DEGREE / AIR</b>																											
Aussteller der Bescheinigung / Originator of the document / Auteur du document <b>ThyssenKrupp Niosta GmbH</b> Dieses Zeugnis wurde maschinell erstellt Werk Krefeld Abnahme		Butzen Abnahmebeauftragter Inspector / Expert Tel: 02151-832447 Fax: 02151-834106		Stempel des (der) Abnahmebeauftragten Receiving agent's stamp Polcon de l'agent réceptionnaire  Datum der Ausstellung und Bestätigung Date of issue and validation date d'émission et validation <b>09.04.2010</b>																							

P 200517



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO12792

Purchase Order Date 10/22/10

PO Print Date 10/22/10

Page Number 1 of 1

Order From :

VC-DIV001

DIVERSIFIED ULBRICH  
26A BLVD. HYMUS  
POINTE-CLAIRE, QC H9R 1C9  
CA

**FAKED**  
*Chantal*

Contact Name

Vendor Phone 514 694 6522

Vendor Fax 514 694 0266

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Ship To :

DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304EX0.75-16F	Expanded Metal Flat SS	10/27/10 Yes	320.00 sf	TST ground	\$4.4500	\$1,424.00

Special Inst: MATERIAL: AISI 304/316 STAINLESS  
STEEL EXPANDED METAL  
DIAMOND MUST RUN ALONG 8'  
LENGTH  
SHEET OF 4' X 8'

PO Total:

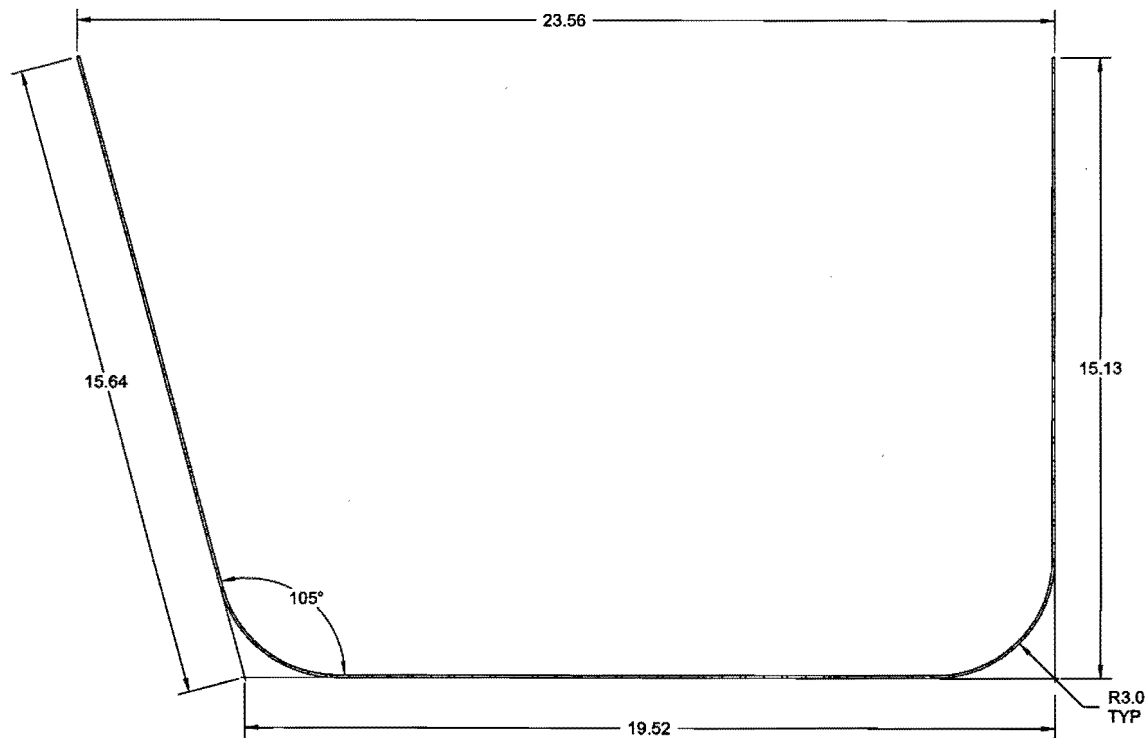
\$1,424.00

**MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY**

Change Nbr: 1

Change Date: 10/22/10

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

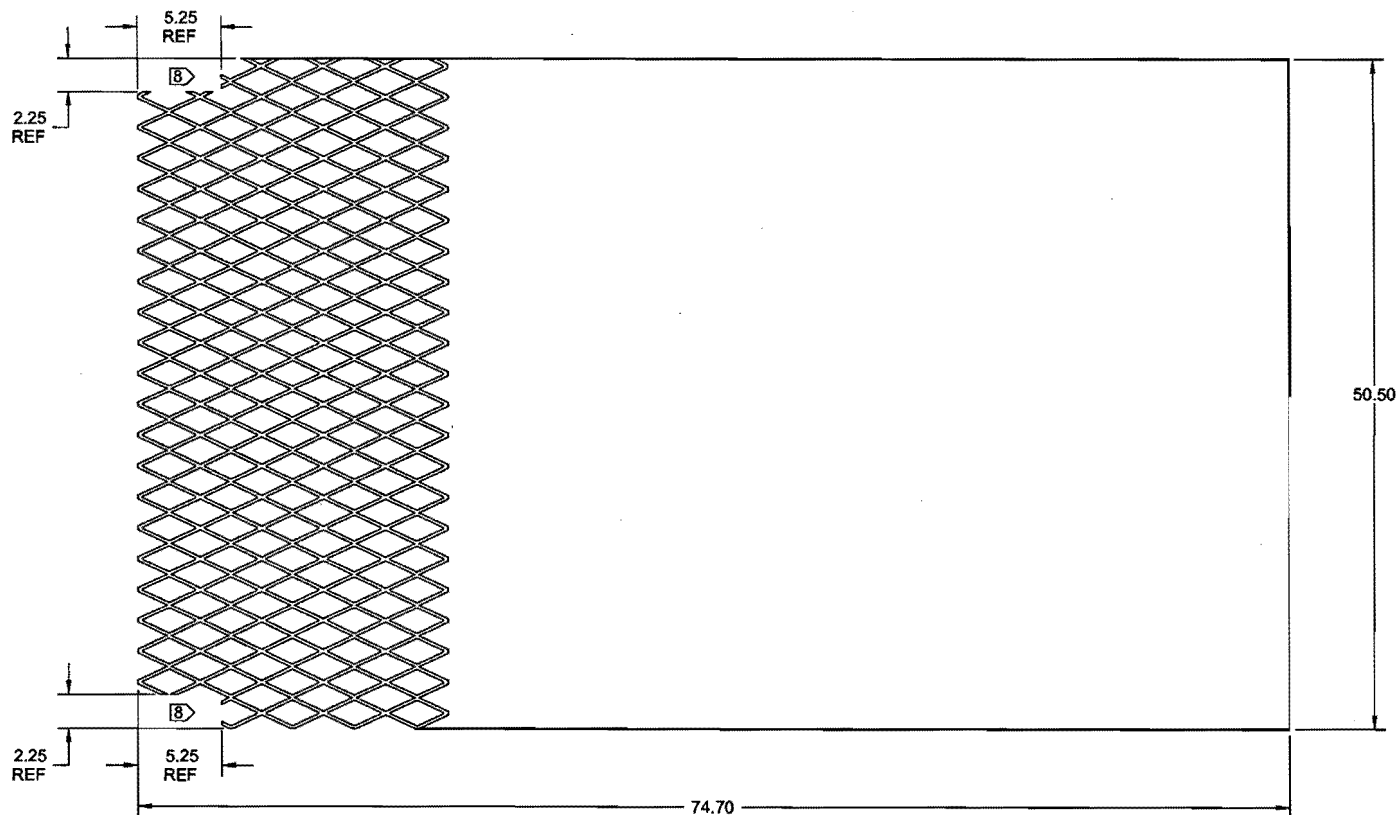


**D4279-1 MESH - BASE**

**NOTES:**

- 1) MATERIAL: MAKE FROM D4279-1F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: SEE D4279-1F
- 8) PRE-FORMING OF MESH PER SHOP OPTION, THIS VIEW MAY BE USED FOR REF ONLY.

A	NEW ISSUE		SC	10.11.25
REV.	DESCRIPTION		BY	DATE
DESIGN	JPH	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		
DRAWN	JPH			
CHECKED	<del>JPH</del>		DRAWING NO.	REV. A
MFG. APPR.	<del>MA</del>		D4279	SHEET 1 OF 7
APPROVED	<del>JPH</del>		TITLE	SCALE
DE APPR.	<del>JPH</del>		MESH - BASKET	NTS
DATE	10.11.25		COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



**D4279-1F MESH, BASE**  
(LOCAL SECTION MESH SHOWN FOR CLARITY)

**NOTES:**

- 1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F  
REF DART SPEC. M304EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 EXCEPT ON XX.XX DIMS  $\pm 0.06$ .
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 14.3 lbs APPROX
- 8) TRIM ON INSTALLATION

DESIGN	JPH	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4279	SHEET 2 OF 7
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	MESH - BASKET	NTS
DATE	10.11.25	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR DISSEMINATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	